



**TROPICAL CYCLONE BULLETIN NO. 13**

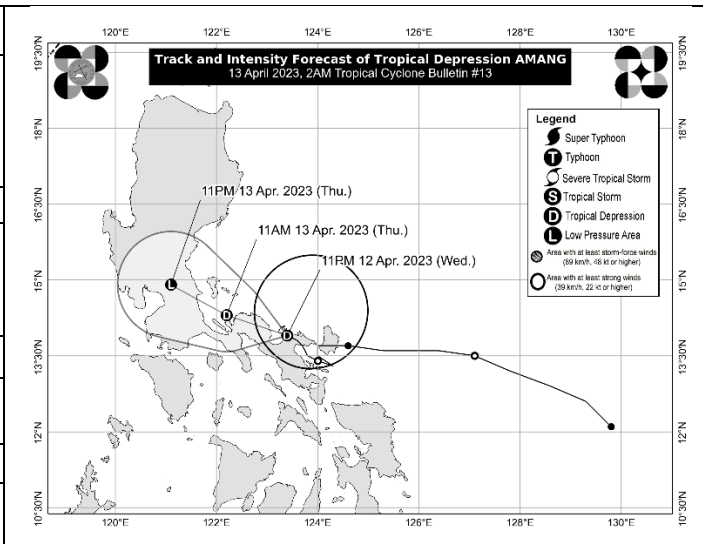
**Tropical Depression "AMANG"**

Issued at 2:00 AM, 13 April 2023

Valid for broadcast until the next bulletin at 5:00 AM today

**TROPICAL DEPRESSION "AMANG" HAS REMAINED ALMOST STATIONARY OVER SAN MIGUEL BAY.**

<b>Location of Center (1:00 AM)</b>
The center of Tropical Depression "AMANG" was estimated based on all available data over the coastal waters of Tinambac, Camarines Sur (13.9°N, 123.2°E)
<b>Intensity</b>
Maximum sustained winds of <b>45 km/h</b> near the center, gustiness of up to <b>55 km/h</b> , and central pressure of <b>1006 hPa</b>
<b>Present Movement</b>
<b>Almost stationary</b>
<b>Extent of Tropical Cyclone Winds</b>
<b>Strong winds</b> extend outwards up to <b>150 km</b> from the center



**TRACK AND INTENSITY FORECAST**

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
<b>12-Hour Forecast</b> 11:00 AM 13 April 2023	14.3	122.2	Over the coastal waters of Calauag, Quezon	45	TD	WNW 10
<b>24-Hour Forecast</b> 11:00 PM 13 April 2023	14.9	121.1	In the vicinity of Norzagaray, Bulacan	-	LOW	WNW 10

**TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT**

TCWS No.	Luzon	Visayas	Mindanao
<b>1</b> Wind threat: <b>Strong winds</b>	<b>The western portion of Catanduanes (San Andres, Pandan, Caramoran), the northern and western portions of Albay (Guinobatan, Malinao, City of Ligao, Pio Duran, Libon, Oas, Tiwi, Polangui, City of Tabaco, Malilipot, Bacacay), Camarines Sur, Camarines Norte, the eastern portion of Laguna (Cavinti, Lumban, Kalayaan, Paete, Pakil, Pangil, Siniloan, Famy, Santa Maria, Mabitac), the northern and eastern portions of Quezon (Buenavista, Calauag, Infanta, Lopez, Guinayangan, Plaridel, Quezon, Alabat, Sampaloc, Mauban, General Nakar, Perez, Gumaca, Atimonan, Real, Tagkawayan) including Pollilo Islands, the eastern portion of Rizal (Tanay, Pililla, Rodriguez, Baras, City of Antipolo), the eastern portion of Bulacan (Norzagaray, Doña Remedios Trinidad), the eastern portion of Nueva Ecija (Gabaldon, Bongabon, Laur, General Tinio), and the central and southern portions of Aurora (Dingalan, Baler, Maria Aurora, San Luis, Dipaculao)</b>	-	-
	Warning lead time: <b>36 hours</b> Range of wind speeds: <b>39 to 61 km/h (Beaufort 6 to 7)</b> Potential impacts of winds: <b>Minimal to minor threat to life and property</b>		



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#### HAZARDS AFFECTING LAND AREAS

##### Heavy Rainfall Outlook

##### **Forecast accumulated rainfall for the next 24 hours (from this early morning to tomorrow early morning)**

- 50-100 mm: Aurora, the northern and western portions of Quezon and the eastern portion of Laguna

##### **Forecast accumulated rainfall for the next 3 days (from this early morning to Sunday early morning)**

- 50-100 mm: Rizal, Laguna, Batangas, the northern and western portions of Quezon, Aurora, and the eastern portions of Nueva Ecija and Bulacan

Under these conditions, **isolated flashfloods and rain-induced landslides are possible**, especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps and in localities that experienced considerable amounts of rainfall for the past several days.

##### Severe Winds

Areas under Wind Signal No. 1 may experience **strong winds (strong breeze to near gale strength)** associated with the tropical depression which may cause **minimal to minor impacts** to life and property.

#### HAZARDS AFFECTING COASTAL WATERS

In the next 24 hours, **moderate to rough seas** may be experienced over the western seaboard of Northern Luzon (1.2 to 3.5 m), and the northern and eastern seaboard of Luzon (1.2 to 2.8 m). **Mariners of small seacrafts are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.**

#### TRACK AND INTENSITY OUTLOOK

- “AMANG” is forecast to track generally northwestward in the next 24 hours and traverse Camarines Norte and northern Quezon. Considering the weak and disorganized nature of this tropical depression, considerable changes in the track forecast of succeeding bulletins are not ruled out (i.e., pass close or traverse Polillo Islands or mainland southern Quezon).
- The tropical depression is forecast to weaken into a low pressure area today due to the combined effects of land interaction, dry air intrusion, and increasing vertical wind shear.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 5:00 AM today.

**DOST-PAGASA**